ABSTRACT

A process for separation/recovery of PGM by selectively adsorbing and eluting PGM in the form of chloride, e.g., chloro complex, irrespective of its form, using an ion exchange resin from a chloride solution containing PGM at a relatively low concentration and an impurity element at a high concentration. The process for separation/recovery of PGM from a solution containing the PGM and an impurity element, comprising the first step of selectively adsorbing the PGM by bringing polyamine-based anion exchange resin into contact with the solution to form adsorption-treated resin, second step of washing the adsorption-treated resin to form a washing-treated resin, and third step of eluting the PGM from the washing-treated resin.